

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

The states S0 to S9 in a state-transition table, which is a combination of [(2, 7) RLL] (d,k) Run Length Limited (RLL) codes and a [(PR1)] Parallel Response (PR1) channel having a precoder, correspond to ten states defined by ~~diving~~ dividing each of the five states S0 to S4 in [(a)] the state-transition table used to encode data into [(2, 7)] (d,k) RLL codes. That is, the states S0 to S4 correspond to the cases where the immediately preceding [(NRZ)] Non Return to Zero (NRZ) code is "0" in the state-transition table of [(2, 7)] the (d,k) RLL codes, and the states S5 to S9 correspond to the cases where the immediately preceding NRZ code is "1" in the state-transition table of [(2, 7)] the (d,k) RLL codes. ~~The present invention~~ This method can be applied to recording/reproducing apparatuses.